

ALUMINUM COMPRESSION TERMINAL LUGS

(CSA dies)



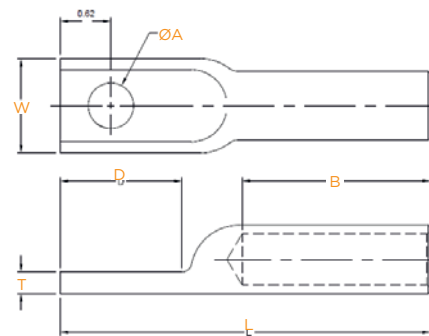
Key Features

- Easy to install using industry standard tools with CSA dies
- High conductivity aluminum Alloy
- 1 and 2 hole pad available
- Seamless design
- Heavy wall design
- Factory filled with inhibitor joint compound and capped
- Scribe line on connector body to identify the cable strip length and the start crimp line
- Non-tension application
- Conductor and die sizes marked on each terminal
- Barrel length allows for multiple crimps
- Tin plated/non plated versions available

TE Connectivity's (TE) compression lug terminal connectors are ideal for secondary distribution and overhead applications up to 35 kV. TE's aluminum compression connectors accommodate a range of cable sizes from #2 AWG solid to 1000 kcmil compact. Use for terminating solid, compact, compressed and concentric stranded class B conductors.

Compression of the terminal barrel creates a highly reliable connection between the conductor and the pad of the terminal resulting in excellent conductivity and low temperature performance during operation.

Connectors meet the requirement of ANSI C119.4, class A electrical and class 3 mechanical.

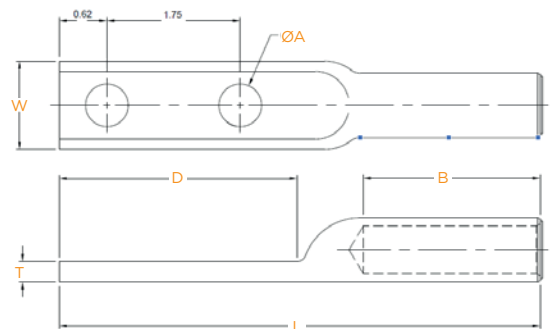


Aluminum Lug 1 Hole											
Catalog Number	Part Number	Conductor	Tin Plated	Dimensions						DIE index	Solid Oil Stop
				W	T	D	B	L	A		
KL6TN	4-1200025-5	#6 AWG - AL/CU - STD STR, COMPT	Yes	22.8 (0.90)	8.1 (.032)	31.7 (1.25)	40.6 (1.60)	81.0 (3.19)	14.2 (0.56)	CSA 22	No
KL4TN	6-1199154-2	#4 & #3 AWG - AL/CU - STD STR, COMPT, SOL	Yes	25.4 (1.00)	6.4 (.25)	31.7 (1.25)	44.4 (1.75)	91.9 (3.62)	14.2 (0.56)	CSA 22	No
KL4AB10TN	1099771-1	#4 & #3 AWG - AL/CU - STD STR, COMPT, SOL	Yes	25.4 (1.00)	6.4 (.25)	31.7 (1.25)	44.4 (1.75)	88.90 (3.5)	11.2 (0.44)	CSA 22	No
KL4X1	1710670-1	#4 & #3 AWG - AL/CU - STD STR, COMPT, SOL	No	25.4 (1.00)	6.4 (.25)	31.7 (1.25)	44.4 (1.75)	88.90 (3.5)	11.2 (0.44)	CSA 22	No
KL4ATN	2-1199018-2	#4 & #3 AWG - AL/CU - STD STR, COMPT, SOL	Yes	25.4 (1.00)	6.4 (.25)	31.7 (1.25)	44.4 (1.75)	91.9 (3.62)	14.2 (0.56)	CSA 22	No
KLE2	3-1199905-1	#2 Extra Flex CU	No	24.1 (0.95)	6.4 (.25)	38.1 (1.5)	35.0 (1.38)	88.90 (3.5)	14.2 (0.56)	CSA 22	No
KL2TN	9-1200024-2	#2 AWG -AL/CU - STD STR, COMPT, SOL	Yes	22.8 (0.90)	6.4 (.25)	31.7 (1.25)	35.0 (1.38)	81.8 (3.22)	14.2 (0.56)	CSA 22	No
KL2TN-3/8	1099529-1	#2 AWG - AL/CU - STD STR, COMPT, SOL	Yes	22.8 (0.90)	6.4 (.25)	31.7 (1.25)	35.0 (1.38)	81.8 (3.22)	11.2 (0.44)	CSA 22	No
KL1TN	9-1200024-1	#1 AWG - AL/CU - STD STR, COMPT, SOL	Yes	25.4 (1.00)	6.4 (.25)	32.5 (1.28)	34.5 (1.36)	82.5 (3.25)	14.2 (0.56)	CSA 22	No
KL10	1098065-1	1/0 AWG - AL ONLY - STD STR, COMPT, SOL	No	19.5 (0.77)	5.3 (0.21)	31.7 (1.25)	49.8 (1.96)	101.60 (4.00)	14.2 (0.56)	CSA 22	No
KL10TN	6-1199020-0	1/0 AWG - AL/CU - STD STR, COMPT, SOL	Yes	25.4 (1.00)	6.4 (0.25)	31.7 (1.25)	49.8 (1.96)	99.0 (3.90)	14.2 (0.56)	CSA 22	No

Aluminum Compression Terminal Lugs (CSA dies)

Aluminum Lug 1 Hole											
Catalog Number	Part Number	Conductor	Tin Plated	Dimensions						DIE index	Solid Oil Stop
				W	T	D	B	L	A		
KL10TN-3/8	1099908-1	1/0 AWG - AL/CU - STD STR, COMPT , SOL	Yes	25.4 (1.00)	6.4 (0.25)	31.7 (1.25)	49.8 (1.96)	99.0 (3.90)	11.0 (0.435)	CSA 22	No
KL10TNX1	1200027-1	1/0 AWG - AL/CU - STD STR, COMPT , SOL	Yes	22.8 (0.90)	5.6 (0.22)	31.7 (1.25)	34.5 (1.36)	82.5 (3.25)	11.2 (0.44)	CSA 22	No
KL20TN	3-1199019-9	2/0 AWG - AL/CU - COMPT , SOL	Yes	25.4 (1.00)	6.4 (0.25)	31.7 (1.25)	50.8 (2.00)	100.1 (3.94)	14.2 (0.56)	CSA 22	No
KL20	1099639-1	2/0 AWG - AL - COMPT , SOL	No	25.4 (1.00)	6.4 (0.25)	31.7 (1.25)	50.8 (2.00)	100.1 (3.94)	14.2 (0.56)	CSA 22	No
KL20A-L1	3-1199651-0	2/0 AWG - AL/CU - COMPT , SOL	Yes	25.4 (1.00)	6.4 (0.25)	31.7 (1.25)	50.8 (2.00)	100.1 (3.94)	14.2 (0.56)	CSA 22	No
KL30TN	1199020-9	3/0 AWG - AL/CU - STD STR, COMPT , SOL	Yes	29.2 (1.15)	7.6 (0.30)	31.7 (1.25)	49.3 (1.94)	103.9 (4.09)	14.2 (0.56)	CSA 24	No
KL30TN-S	1-1199357-5	3/0 AWG - AL/CU - STD STR, COMPT , SOL	Yes	29.2 (1.15)	7.9 (0.31)	32.5 (1.28)	34.5 (1.36)	82.5 (3.25)	14.2 (0.56)	CSA 24	No
KL40	1098066-1	4/0 AWG - AL/CU - STD STR, COMPT , SOL	No	29.2 (1.15)	7.1 (0.28)	31.7 (1.25)	49.3 (1.94)	101.60 (4.00)	14.2 (0.56)	CSA 24	No
KL40TN	6-1199020-1	4/0 AWG - AL/CU - STD STR, COMPT , SOL	Yes	29.2 (1.15)	7.1 (0.28)	31.7 (1.25)	49.3 (1.94)	101.60 (4.00)	14.2 (0.56)	CSA 24	No
KL40NTN-3/8	2182626-1	4/0 AWG - AL/CU - STD STR, COMPT , SOL	Yes	29.2 (1.15)	7.1 (0.28)	31.7 (1.25)	49.3 (1.94)	101.60 (4.00)	11.2 (0.44)	CSA 24	Yes
KLO25AL1	1099770-1	250 & 266.8 KCMIL - AL/CU - STD STR, COMPT	Yes	35 (1.38)	9.6 (0.38)	31.7 (1.25)	51.0 (2.00)	103.9 (4.09)	14.2 (0.56)	CSA 26	No
KLO25TN	1099979-1	251 & 266.8 KCMIL - AL/CU - STD STR, COMPT	Yes	38.1 (1.50)	9.6 (0.38)	33.5 (1.32)	51.0 (2.00)	107.9 (4.25)	14.2 (0.56)	CSA 26	No
KLO25TN-S	1099979-2	252 & 266.8 KCMIL - AL/CU - STD STR, COMPT	Yes	38.1 (1.50)	9.6 (0.38)	33.5 (1.32)	34.80 (1.37)	91.4 (3.6)	14.2 (0.56)	CSA 26	No
KLO30TN	1099997-1	300 KCMIL - AL/CU - STD STR, COMPT , SOL	Yes	35.5 (1.40)	10.1 (0.40)	31.7 (1.25)	57.0 (2.25)	117.3 (4.62)	14.2 (0.56)	CSA 26	No
KLO35TN	8-1200024-6	350 KCMIL - AL/CU - STD STR, COMPT , SOL	Yes	42.9 (1.69)	11.9 (0.47)	38.1 (1.5)	63.5 (2.50)	132.1 (5.2)	14.2 (0.56)	CSA 28	No
KLO40NTN	1099526-1	400 KCMIL - AL/CU - STD STR, COMPT , SOL	Yes	42.9 (1.69)	11.9 (0.47)	31.7 (1.25)	69.8 (2.75)	136.6 (5.38)	14.2 (0.56)	CSA 28	No
KL40NTN-5/8	2182626-2	400 KCMIL - AL/CU - STD STR, COMPT , SOL	Yes	42.9 (1.69)	11.9 (0.47)	31.7 (1.25)	69.8 (2.75)	136.6 (5.38)	17.40 (0.685)	CSA 28	Yes
KLO45TN	1-1199649-0	450 KCMIL - AL/CU - STD STR	Yes	42.9 (1.69)	11.4 (0.45)	38.1 (1.5)	76.20 (3.00)	133.3 (5.25)	14.2 (0.56)	CSA 28	No
KLO50CTNS	2182349-1	500 KCMIL - AL/CU - COMPT	Yes	37.8 (1.49)	10.7 (0.42)	34.3 (1.35)	41.40 (1.63)	96.5 (3.8)	14.2 (0.56)	CSA 28	No
KLO50TN	1-1199155-7	500 KCMIL - AL(AAC) - STD STR, COMPT , SOL	Yes	42.9 (1.69)	14.2 (0.56)	38.1 (1.5)	76.20 (3.00)	142.7 (5.62)	14.2 (0.56)	CSA 30	No
KLO75CNTN	1098100-1	750 KCMIL - AL(AAC) - COMPT	Yes	42.9 (1.69)	14.5 (0.57)	35.0 (1.38)	76.20 (3.00)	149.8 (5.9)	14.2 (0.56)	CSA 30	No
KLO75NSTN	1099527-1	750 KCMIL - AL/CU - STD STR, COMPT , SOL	Yes	42.9 (1.69)	12.7 (0.50)	38.1 (1.5)	88.90 (3.50)	178.5 (7.03)	14.2 (0.56)	CSA 30	Yes

Suffix S means solid stop type connector.
3/8 inch Studs hole available: use suffix -3/8



Aluminum Lug 1 Hole											
Catalog Number	Part Number	Conductor	Tin Plated	Dimensions						DIE index	
				W	T	D	B	L	A		
KL62NTN	1099529-1	#6 AWG - AL/CU - STD STR, COMPT	Yes	22.8 (0.90)	6.4 (.25)	31.7 (1.25)	35.0 (1.38)	81.8 (3.22)	CSA 30	CSA 22	
KL42NTN	9-1200024-1	#4 & #3 AWG - AL/CU - STD STR, COMPT , SOL	Yes	25.4 (1.00)	6.4 (.25)	32.5 (1.28)	34.5 (1.36)	82.5 (3.25)	CSA 30	CSA 22	
KL22NTN	1098065-1	#2 AWG - AL/CU - STD STR, COMPT , SOL	Yes	19.5 (0.77)	5.3 (0.21)	31.7 (1.25)	49.8 (1.96)	101.60 (4.00)	CSA 30	CSA 22	
KL102N	6-1199020-0	#1/0 AWG - AL - STD STR, COMPT , SOL	No	25.4 (1.00)	6.4 (0.25)	31.7 (1.25)	49.8 (1.96)	99.0 (3.90)	CSA 30	CSA 22	

Aluminum Compression Terminal Lugs (CSA dies)

Aluminum Lug 2 Holes										
Catalog Number	Part Number	Conductor	Tin Plated	Dimensions						DIE index
				W	T	D	B	L	A	
KL102NTN	5-1199020-0	#1/0 AWG - AL/CU - STD STR, COMPT, SOL	Yes	23.6 (0.93)	5.3 (0.21)	82.5 (3.25)	28.5 (1.12)	129.5 (5.10)	CSA 30	CSA 22
KL202NTN	3-1199155-9	#2/0 AWG - AL/CU - STD STR, COMPT, SOL	Yes	23.9 (0.94)	5.2 (0.20)	82.5 (3.25)	49.3 (1.94)	151.1 (5.95)	CSA 30	CSA 22
KL302NTN	3-1199657-4	#3/0 AWG - AL/CU - STD STR, COMPT, SOL	Yes	29.2 (1.15)	9.1 (0.36)	82.5 (3.25)	49.3 (1.94)	154.9 (6.10)	CSA 30	CSA 24
KL402NTN	9-1199190-0	#4/0 AWG - AL/CU - STD STR, COMPT, SOL	Yes	29.2 (1.15)	6.9 (0.27)	82.5 (3.25)	49.3 (1.94)	157.2 (6.19)	CSA 30	CSA 24
KL0252NTN	9-1199020-0	250 KCMIL - AL/CU - STD STR, COMPT	Yes	36.8 (1.45)	10.2 (0.40)	82.5 (3.25)	50.8 (2.0)	152.4 (6.0)	CSA 30	CSA 26
KL0302N	1099644-1	300 KCMIL - AL/CU - STD STR, COMPT, SOL	No	35.6 (1.40)	10.2 (0.40)	82.5 (3.25)	57.0 (2.25)	161.8 (6.37)	CSA 30	CSA 26
KL0352N	8-1200361-3	350 KCMIL - AL - STD STR, COMPT, SOL	No	42.7 (1.68)	13.2 (0.52)	82.5 (3.25)	63.5 (2.50)	170.2 (6.70)	CSA 30	CSA 28
KL0352NTN	5-1199020-8	350 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	41.1 (1.62)	13.7 (0.54)	82.5 (3.25)	63.5 (2.50)	170.2 (6.70)	CSA 30	CSA 28
KL0452NTN	2-1199190-3	450 KCMIL - AL/CU - STD STR	Yes	42.9 (1.69)	11.4 (0.45)	82.5 (3.25)	76.2 (3.00)	182.6 (7.19)	CSA 30	CSA 28
KL050C2NTN	1098096-1	500 KCMIL - AL/CU - COMPT	Yes	37.8 (1.49)	10.7 (0.42)	79.2 (3.12)	66.5 (2.62)	168.1 (6.62)	CSA 30	CSA 28
KL050C2NS	1098070-1	500 KCMIL - AL/CU - COMPT	Yes	37.8 (1.49)	10.7 (0.42)	79.2 (3.12)	66.5 (2.62)	178.3 (7.02)	CSA 30	CSA 28
KL050CS2NTN	2182472-2	500 KCMIL - AL/CU - COMPT	Yes	39.6 (1.56)	11.7 (0.46)	79.2 (3.12)	66.5 (2.62)	187.9 (7.4)	CSA 30	CSA 28
KL0502NTN	1199021-5	500 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	76.2 (3.00)	187.9 (7.4)	CSA 30	CSA 30
KL050A2NTN	2-1199020-7	500 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	76.2 (3.00)	187.2 (7.37)	CSA 30	CSA 30
KL0502NSTN	1099658-1	500 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	77.7 (3.06)	205.7 (8.10)	CSA 30	CSA 30
KL0552NTN	6-1200027-8	550 KCMIL (61 STD STR) - 556.5 KCMIL (19 and 37 STD STR) - 477 KCMIL (26/7 STD STR) AL/CU	Yes	53.3 (2.1)	14.2 (0.56)	82.5 (3.25)	82.5 (3.25)	190.5 (7.5)	CSA 30	CSA 30
KL060C2NTN	1710707-1	600 KCMIL - AL/CU - COMPT	Yes	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	82.5 (3.25)	187.4 (7.38)	CSA 30	CSA 30
KL0602NTN	2182183-2	600 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	82.5 (3.25)	187.4 (7.38)	CSA 30	CSA 30
KL0652NTN	1-1200027-7	650 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	42.9 (1.69)	14.5 (0.57)	79.5 (3.12)	82.5 (3.50)	200.6 (7.90)	CSA 30	CSA 30
KL075C2NTN	1098088-1	650 KCMIL - AL/CU - COMPT	Yes	42.9 (1.69)	14.5 (0.57)	82.5 (3.25)	76.2 (3.00)	193.0 (7.60)	CSA 30	CSA 30
KL0752NTN	5-1199018-2	750 KCMIL - AL/CU - STD STR, COMPT, ASC	Yes	42.9 (1.69)	14.5 (0.57)	79.2 (3.12)	82.5 (3.50)	205.7 (8.10)	CSA 30	CSA 30
KL075C2NS	1098071-1	750 KCMIL - AL/CU - COMPT	Yes	41.9 (1.65)	13.2 (0.52)	82.5 (3.25)	73.1 (2.88)	189.5 (7.46)	CSA 30	CSA 30
KL0752NS	9-1199380-0	750 KCMIL - AL - COMPT	No	50.8 (2.0)	12.7 (0.50)	82.5 (3.25)	82.5 (3.50)	223.0 (8.78)	CSA 30	CSA 30
KL0752NSTN	1099781-1	750 KCMIL - AL/CU - COMPT	Yes	50.8 (2.0)	12.7 (0.50)	82.5 (3.25)	82.5 (3.50)	223.0 (8.78)	CSA 30	CSA 30
KL075C2NSX	2182489-1	750 KCMIL - AL - COMPT	No	42.9 (1.69)	12.7 (0.50)	82.5 (3.25)	94.7 (3.73)	189.5 (7.46)	CSA 30	CSA 30
KL100C2NSTN	1099775-1	1000 KCMIL - AL/CU - COMPT	Yes	55.9 (2.20)	15.2 (0.60)	82.5 (3.25)	82.5 (3.50)	231.1 (9.1)	CSA 30	CSA 32
KL100C2NTN	4-1199020-2	1000 KCMIL - AL/CU - COMPT	Yes	55.9 (2.20)	15.2 (0.60)	82.5 (3.25)	82.5 (3.50)	205.7 (8.1)	CSA 30	CSA 32
KL100C2NSX	2182491-1	1000 KCMIL - AL - COMPT	No	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	93.7 (3.69)	189.5 (7.46)	CSA 30	CSA 32
KL100C2NSTNX	2182491-2	1000 KCMIL - AL/CU - COMPT	Yes	42.9 (1.69)	14.2 (0.56)	82.5 (3.25)	93.7 (3.69)	189.5 (7.46)	CSA 30	CSA 32
KL1002NTN	3-1199190-9	1000 KCMIL - AL/CU - STD STR, COMPT, SOL	Yes	68.1 (2.68)	17.3 (0.68)	82.5 (3.25)	82.5 (3.50)	206.2 (8.12)	CSA 30	CSA 34

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